

Fig. 1

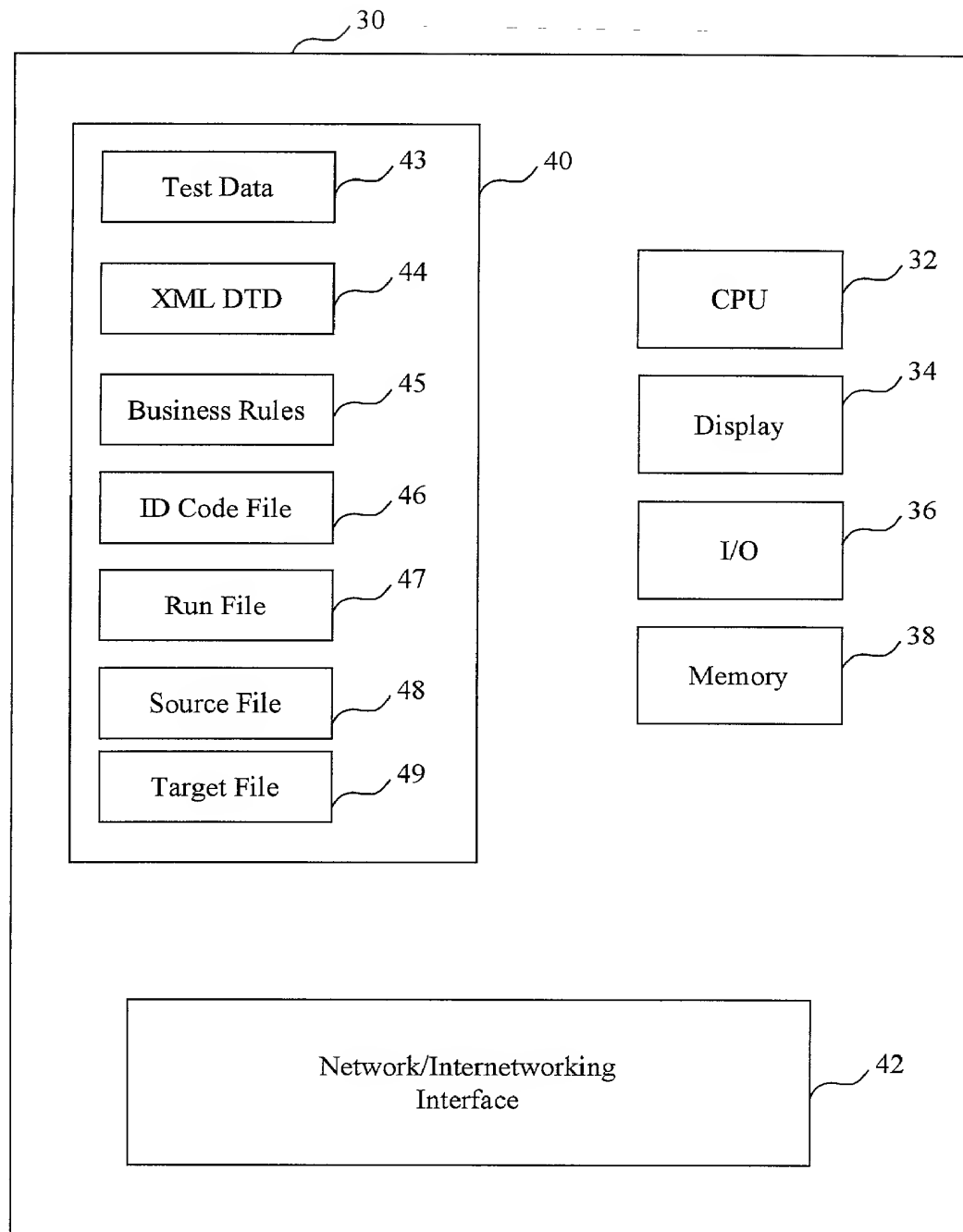


Fig. 2

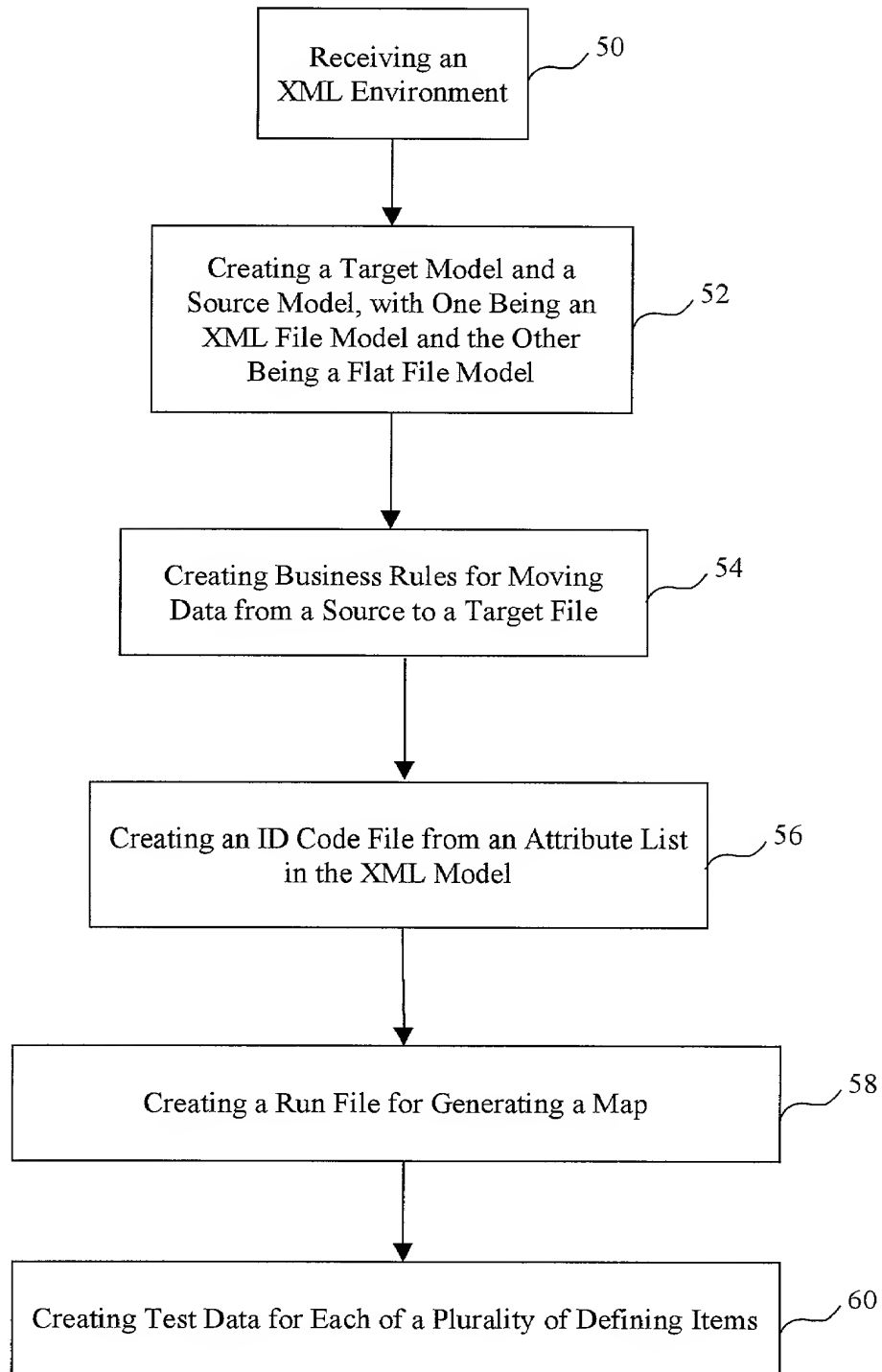


Fig. 3

Fig. 4A

Fig. 4B

This is a sample of the XML document that follows the DTD

```
<?XML Version="1.0"?>
<PurchaseOrder>
  <HeaderInformation>
    <CompanyName>ACME Distributing</CompanyName>
    <CompanyAddress>123 Main Street</CompanyAddress>
    <CompanyCity>Washington</CompanyCity>
    <CompanyState>DC</CompanyState>
    <CompanyZip>20202</CompanyZip>
    <PurchaseOrderNumber>27015219</ PurchaseOrderNumber >
    <PurchaseOrderDate>08171999</ PurchaseOrderDate >
  </HeaderInformation>
  <DetailInformation>
    <LineItem>
      <LineNumber>1</LineNumber>
      <QuantityOrdered>12</QuantityOrdered>
      <PartNumber>3AB32</PartNumber>
      <PartDescription>Blue Suede Shoe</PartDescription>
    </LineItem>
    <LineItem>
      <LineNumber>2</LineNumber>
      <QuantityOrdered>100</QuantityOrdered>
      <PartNumber>46Q64</PartNumber>
      <PartDescription>Shoe Laces 36 inch black</PartDescription>
    </LineItem>
  </DetailInformation>
  <ShippingInstructions>
    <ShipDate>09011999</ShipDate>
    <ShipDetails>Deliver to Door #10</ShipDetails>
    <ShipCancelDate>10011999</ShipCancelDate>
  </ShippingInstructions>
</PurchaseOrder>
```

Fig. 5

XML Msg Wizard

Enter the file name of the XML Msg or DTD or Schema

☒ Generate Complete Inbound map - XML to Flat-File
☐ Generate Complete Outbound map - Flat-File to XML
☐ None
Enter the map base name

☐ Generate Source XML Msg Model
☐ Generate Target XML Msg Model
☐ None
Enter the file name of the output .MDL

☐ Generate Source XML Flat-File Model
☐ Generate Target XML Flat-File Model
☐ None
Enter the file name of the output .MDL

☒ Generate Sample Test Data

Title: XML AUTO MAP
GENERATOR
Inventor(s): Jeffery R. ECK
DOCKET NO.: 088305/0116

FIG. 6

[illegible]

FIG. 7

[illegible]

Generated Source Model
C:\TRANDEV\MY-XML-MSG.S.MDL

Generated Target Model
C:\TRANDEV\MY-XML-MSGT.MDL

[illegible]

Fig. 8

C:\TRANDEV\My-XML-Msg.ATT

File Help

Data

Input: C:\Trandev\My-XML-Msg.In

Output: C:\Trandev\My-XML-Msg.Out

Source

Model: C:\Trandev\My-XML-Msg.XML

Access: C:\Trandev\XMLAccess.ACC

Target

Model: C:\Trandev\My-XML-Msg.MDL

Access: C:\Trandev\Fixed-File.ACC

Other Environment Variables

Name: Value:

Add Delete

Save Cancel

C:\TRANDEV\MY-XML-MSG.ATT

(Fig. 4A)

```

<ELEMENT PurchaseOrder (HeaderInformation,
DetailInformation, ShippingInstructions)>
<ELEMENT HeaderInformation
(CompanyName, CompanyAddress, CompanyState,
CompanyZip, PurchaseOrderNumber,
PurchaseOrderDate)>
<ELEMENT DetailInformation (LineItem+)>
<ELEMENT LineItem (LineNumber, QuantityOrdered,
PartNumber, PartDescription)>
<ELEMENT ShippingInstructions (ShipDate, ShipDetails,
ShipCancelDate)>
<ELEMENT CompanyName (#PCDATA)>
<ELEMENT CompanyAddress (#PCDATA)>
<ELEMENT CompanyCity (#PCDATA)>
<ELEMENT CompanyState (#PCDATA)>
<ELEMENT CompanyZip (#PCDATA)>
<ELEMENT PurchaseOrderNumber (#PCDATA)>
<ELEMENT PurchaseOrderDate (#PCDATA)>
<ELEMENT LineNumber (#PCDATA)>
<ELEMENT QuantityOrdered (#PCDATA)>
<ELEMENT PartNumber (#PCDATA)>
<ELEMENT PartDescription (#PCDATA)>
<ELEMENT ShipDate (#PCDATA)>
<ELEMENT ShipDetails (#PCDATA)>
<ELEMENT ShipCancelDate (#PCDATA)>

```

C:\TRANDEV\MY-XML-MSG.DTTD
De-Activated
Box 3 & Box 4
(Grey'd Out)

- XML Message Wizard: Inbound**
- Create fully functional, run-able translation
 - Create New Map Component File
 - Create Source Inbound XML Message model
 - Create Target Flat-File of XML Message model
 - Create One-to-One mappings from Source to Target
 - Create Test Data

(Fig. 5)

XML Msg Wizard

Enter the file name of the input XML DTD

☒ Generate Complete Inbound map - XML to Flat-File
☐ Generate Complete Outbound map - Flat-File to XML
 Enter the map base name

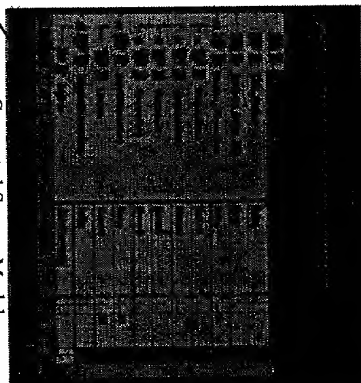
☒ Generate Source XML Msg Model
☒ Generate Target XML Msg Model
☐ None
 Enter the file name of the output .XML

☒ Generate Source XML Flat-File Model
☒ Generate Target XML Flat-File Model
☐ None
 Enter the file name of the output .XML

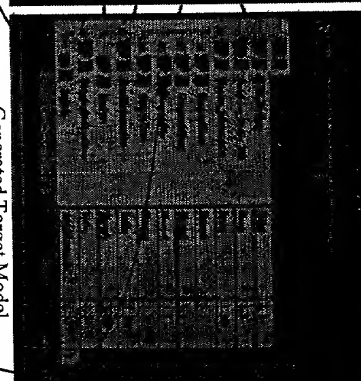
☒ Generate Sample Test Data

- XML Message Wizard: Outbound**
- Create fully functional, run-able translation
 - Create New Map Component File
 - Create Source Inbound XML Message model
 - Create Target Flat-File of XML Message model
 - Create One-to-One mappings from Source to Target
 - Create Test Data

(Fig. 6)



(Fig. 7)



Generated Source Model
C:\TRANDEV\MY-XML-MSG.MDL

Generated Target Model
C:\TRANDEV\MY-XML-MSGT.MDL

Generated
Mappings

Generated ID Code File
C:\TRANDEV\MY-XML-MSGIDS

Generated Test Data
C:\TRANDEV\MY-XML-MSGTXT

C:\TRANDEV\MY-XML-MSG.ATT